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SPECIAL DATA COLLECTION SYSTEM EVENT REPORT -  
NORTHEASTERN CHINA, 25 FEBRUARY 1975

J. R. Woolson, et al

Teledyne Geotech

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**Northeastern China, 25 February 1975**

**J.R.Woolson, D.D.Solari, D.J.Reinbold, and R.J.Markle**  
**Alexandria Laboratories.**

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**September 1975**

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SDCS Event Report No. 2

Northeastern China, 25 February 1975

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	Origin Time	Latitude	Longitude	$m_b$	$M_s$
NORSAR	21:09:53	41.0N	123.0E	5.1	3.8
LASA	21:09:51	40.9N	121.3E	4.8	3.9
PDF	N/A				
Hagfors Array, Sweden	21:09:32	36.0N	119.0E	5.3	N/A

An epicenter was not calculated from the SDCS stations.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response) with the exception of LASA and NORSAR short-period plots. LASA SP scaling factors are millimicrons per inch. Scaling factors are not reported for NORSAR short-period.

RK-ON and FN-WV were non-operational for this event; evaluation of records at WH2YK and HN-ME produced negative results; and data from CPSO was not recoverable.

# STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES		ELEVATION METERS	INSTRUMENTATION	
		DEG	MN SECS		SHORT-PERIOD	LONG-PERIOD
ALPA	Alaska	65 14	00.0 N 147 44 36.0 W	457	None	31300
CPSO	McMinnville, Tennessee	35 35	41.4 N 085 34 13.5 W	574	6480 V 7515 H	SL210 V SL220 H
FN-WV	Franklin, West Virginia	38 32	58.0 N 079 30 47.0 W	910	KS36000	KS36000
LASA	Billings, Montana	46 41	19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
HN-ME	Houlton, Maine	46 09	43.0 N 067 59 09.0 W	213	18300	SL210 V SL220 H
NORSAR	Kjeller, Norway	60 49	25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H
RK-ON	Red Lake, Ontario	50 50	20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
WH2YK	White Horse, Yukon	60 41	41.0 N 134 58 02.0 W	853	18300	SL210 V SL220 H

# DATA SUMMARY

Sta.	Phase	Arrival Time	Inst.	Per	A/T	Magnitude M <sub>b</sub>	M <sub>s</sub>	Dist
ALPA	LR	21:41:33.0	LPAB	18.0	11.8		3.92	54.2
NAO	EP	21:20:26.1	AB	0.9	26.6	5.12		63.9
NAO	LR	21:50:12.0	LPAB	21.0	7.8		3.94	63.9
LAO	EP	21:22:13.2	AB	1.0	13.4	4.83		82.9
LAO	LR	22:01:40.0	LPAB	20.0	8.0		3.82	82.9

<u>Avg. M<sub>b</sub></u>	<u>Sta.</u>	<u>Avg. M<sub>s</sub></u>	<u>Sta.</u>
4.98	2	3.89	3

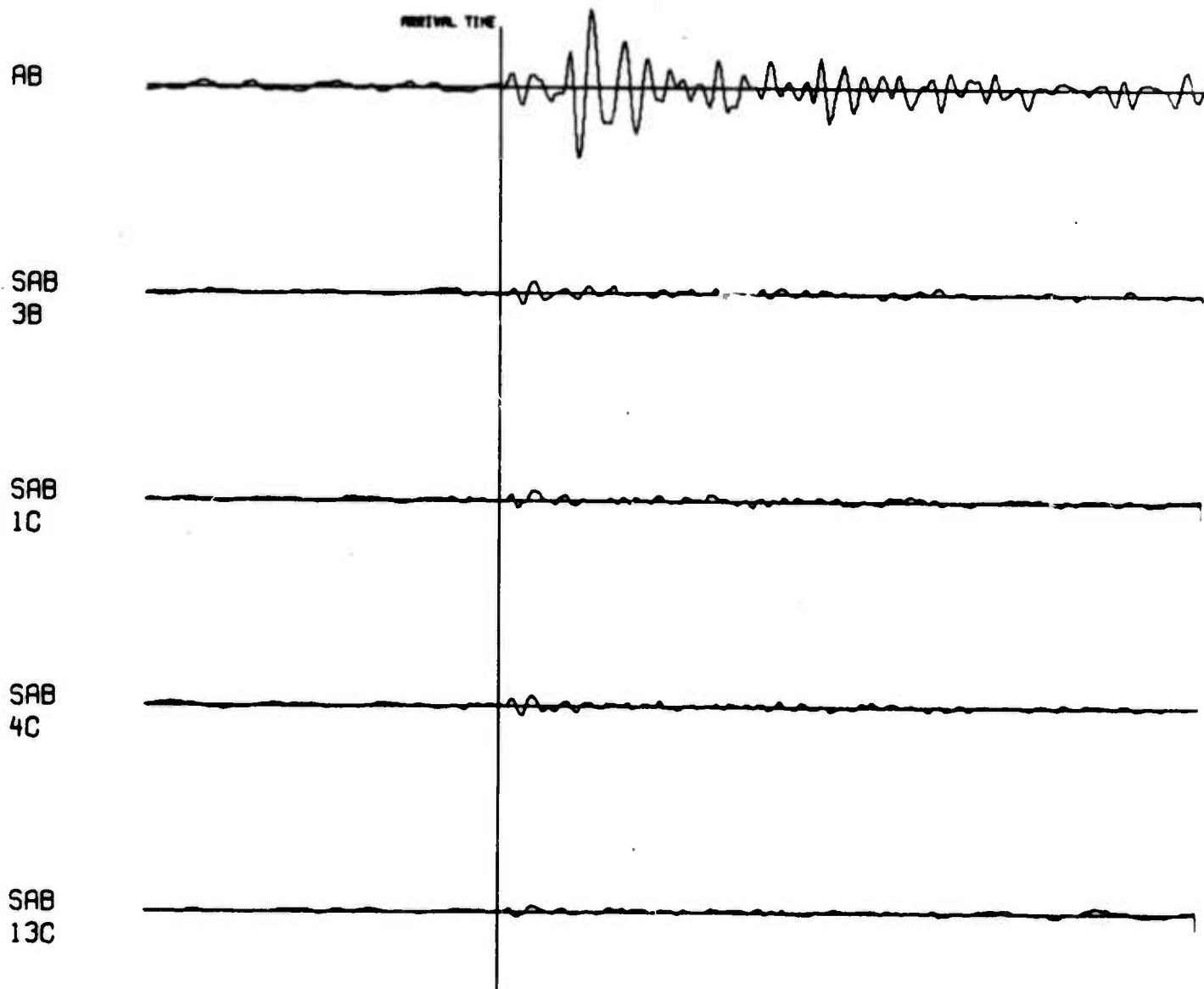
# NORSAR EVENT FILE

1975 FEB 25

EPX NO. 57290 ARR. 21.20.26.0 40.8N 122.7E 4.2MB 33KM

DIST = 64.6 AZI = 51.3 AMP = 3.4 PER = 1.1 UMETH 2

— = 5 SECONDS



# LASA

1 25 FEB 1975

2 21 9 51 40.9N 121.3E 33C C 4.6 658 NORTHEASTERN CHINA

3 21 22 13.2 LAO P 6.7 1.0 21.6 83.1 325.7

EPX 12385

BP-B 0.6-2.0 HZ

ABN 16

21:22:03.2

AB 16

FAB 13

WAB 13

PAB1 12

PAB2 14

PAB3 16

PAB4 12

10 sec

LP SIGNALS  
25 FEB 75

